

Input: Colorimetric Printer Reflective System FRS06

for hue $h^* = lab^*h = 37/360 = 0.102$

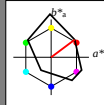
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 33 78 37

olv*Ma: 1.0 0.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 115$

%Regularity

$g^*_{H,rel} = 28$

$g^*_{C,rel} = 38$

FRS06; adapted (a) CIELAB data

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	32.57	62.32	46.49	77.75	37
YMa	82.73	-3.16	113.99	114.03	92
GMa	39.43	-61.79	45.84	76.95	143
G50BMa	47.86	-26.79	-34.24	43.49	232
BMa	10.16	55.12	-61.03	82.24	312
B50RMa	34.5	80.68	-33.92	87.52	337
NMa	6.25	0.0	0.0	0.0	0
WMa	91.97	0.0	0.0	0.0	0
RcIE	39.92	59.8	31.05	67.38	27
JcIE	81.26	-2.52	76.25	76.29	92
GcIE	52.23	-41.56	17.14	44.96	158
BcIE	30.57	2.63	-43.77	43.86	273

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab^*h = 37/360 = 0.102$

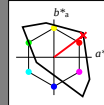
lab^*tch and lab^*nch

D65: hue O

LCH*Ma: 51 97 37

olv*Ma: 1.0 0.0 0.05

triangle lightness t^*



%Gamut

$u^*_{rel} = 158$

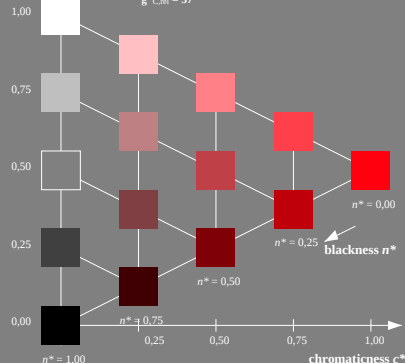
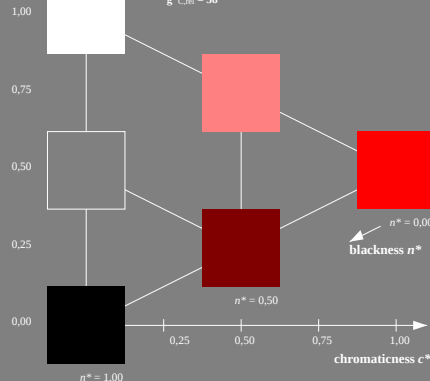
%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

TLS00; adapted (a) CIELAB data

	L^*	a^*	b^*	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	50.5	76.92	64.55	100.42	40
YMa	92.66	-20.69	90.75	93.08	103
LMa	83.63	-82.75	79.9	115.04	136
CMa	86.88	-46.16	-13.55	48.12	196
VMa	30.39	76.06	-103.59	128.52	306
NMa	57.3	94.35	-58.41	110.97	328
NMa	0.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RcIE	39.92	58.74	27.99	65.07	25
JcIE	81.26	-2.88	71.56	71.62	92
GcIE	52.23	-42.41	13.6	44.55	162
BcIE	30.57	1.41	-46.46	46.49	272



VE560-7, 3 step scales for constant CIELAB hue 37/360 = 0.102 (left)

5 step scales for constant CIELAB hue 37/360 = 0.102 (right)

BAM-test chart VE56; Colorimetric systems CNS18 & TLS00

D65: 3 and 5 step colour scales for 10 hues

input: olv* setrgbcolor

output: no change compared to input